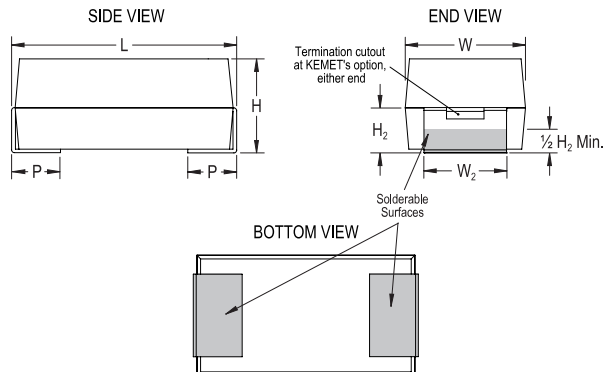



T497_COTS, Tantalum, MnO2 Tantalum, COTS, 4.7 uF, 10%, 50 VDC, SMD, MnO2, Molded, COTS, Medical, B (0.1%/1000 Hrs), 1.5 Ohms, 7238, Height Max = 3.17mm



| Dimensions | |
|------------|-----------------------|
| Footprint | 7238 |
| L | 7.24mm +/-0.38mm |
| W | 3.81mm +/-0.38mm |
| H | 2.79mm +/-0.38mm |
| S | 1.27mm +0.025/-0.13mm |
| F | 3.68mm +0.13/-0.51mm |
| A | 4.7mm NOM |
| K | 1.52mm MIN |
| P | 0.76mm MIN |

| Packaging Specifications | |
|--------------------------|------------|
| Weight: | 349.01 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 500 |

| General Information | |
|---------------------|---|
| Supplier: | KEMET |
| Series: | T497_COTS |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO2, Molded, COTS, Medical |
| Features: | COTS, Medical |
| RoHS: | No |
| Prop 65: |  WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov . |
| REACH: | SVHC (Pb – CAS 7439-92-1) |
| Termination: | Solder Coated |
| Notes: | P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).. Note: When solder coated terminations are required, add an additional 0.38mm (0.015inch) to the tolerances for "L", "W", "H", "K", "F" and "S" |
| MSL: | 1 |

| Specifications | |
|--------------------------|-------------------------------|
| Capacitance: | 4.7 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 50 VDC (85C), 33.5 VDC (125C) |
| Temperature Range: | -55/+125C |
| Rated Temperature: | 85C |
| Dissipation Factor: | 6.00% 120Hz 20C |
| Failure Rate: | B (0.1%/1000 Hrs) |
| Resistance: | 1.5 Ohms (100kHz 20C) |
| Leakage Current: | 2.4 uA (5min 20C) |
| Testing and Reliability: | Standard Testing Only |